

FIG.1

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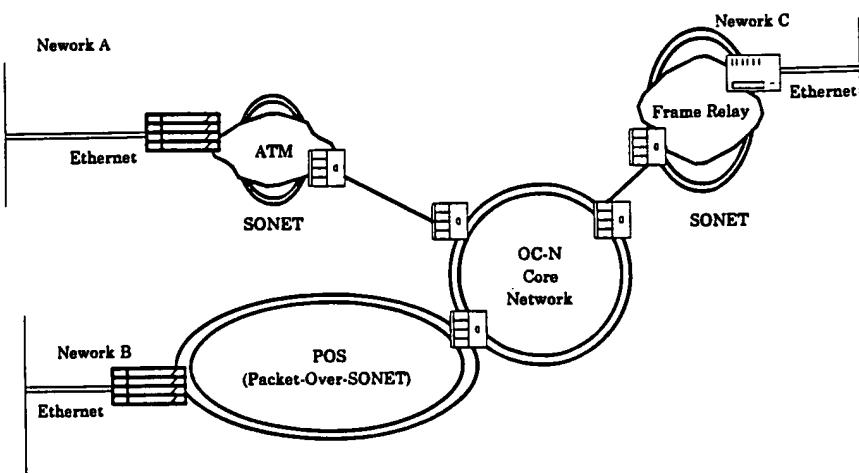
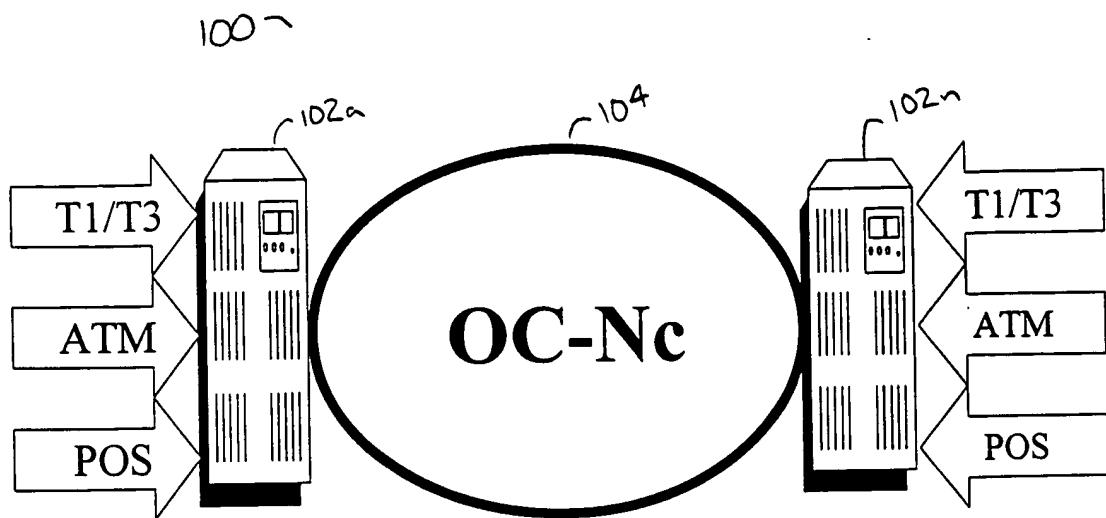
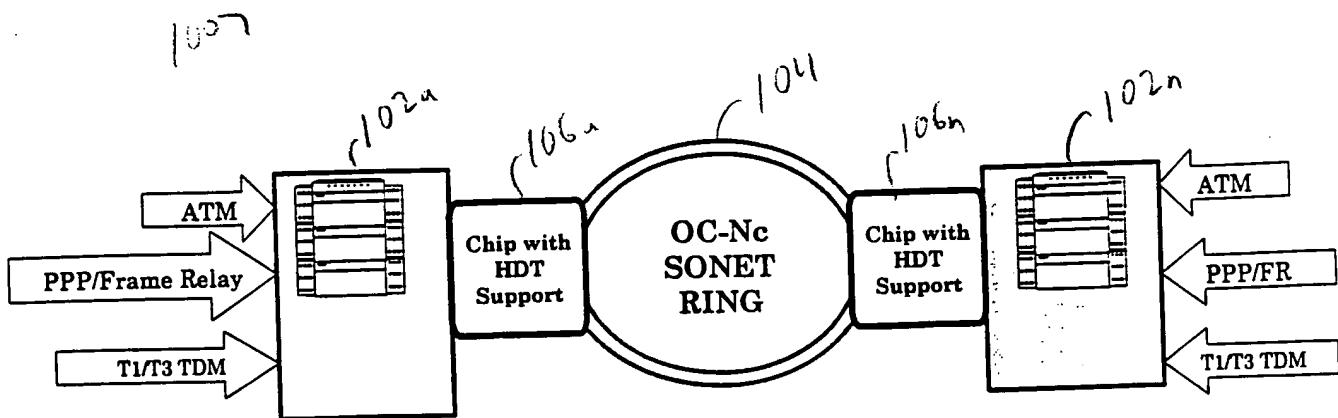


FIG. 2

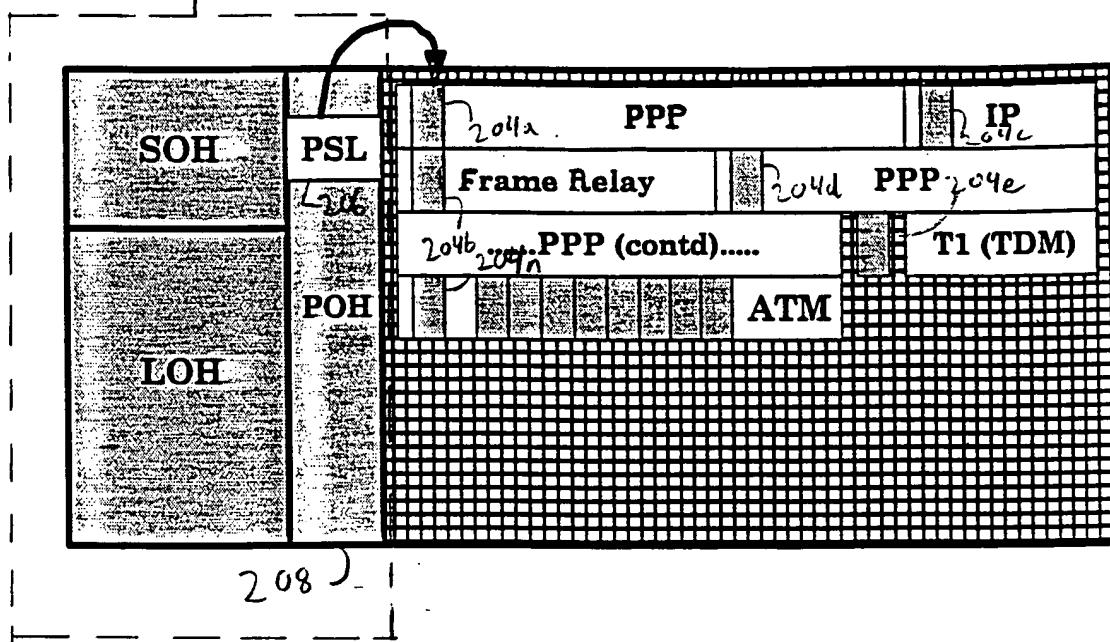


F16.3

Diagram illustrating a basic OC-Nc (Optical Carrier - Non-Blocking) architecture. At the center is a large circle labeled **OC-Nc**. Two rectangular modules, each with a vertical stack of horizontal lines representing fiber ports, are connected to the ring. The left module is labeled 100^n above it and 102^n above its connection point. The right module is labeled 102^n above it and 104^n above its connection point. Each module has three output ports labeled **T1/T3**, **ATM**, and **POS**.



F16.4



F16.5

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Packet Identification	MPLS Labels	Layer 2 Addresses		Data Identifier	Layer 3 addresses	User Data	Error Detection
Identify the kind of packet being carried (Ethernet, PPP, frame relay, etc.)	One or more 32-bit words	Destination MAC (6 bytes)	Source MAC (6 bytes)	Protocol Identifier or IEEE802.3 Length Field (2 bytes)	...Network Layer addresses...	..Payload..	CRC

F16.6

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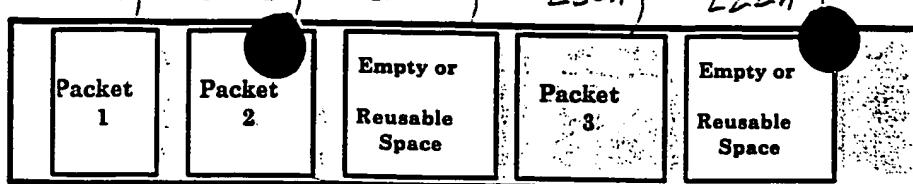


FIG. 7

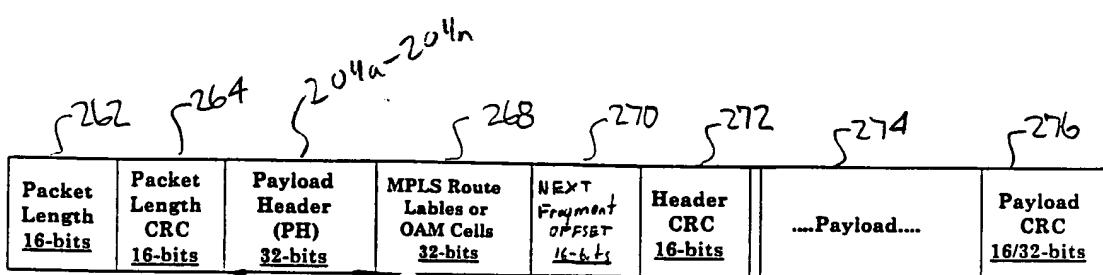


FIG. 8

Unused D31:D20	Padding D18:D19	Fragment ID D17:D16	Header Length D15:D8	Packet Reuse D7	Header Data D6:D4	Packet Identifier D3:D0	
Reserved for Future Use	00: No Pad 01: 1-byte pad 10: 2-byte pad 11: 3-byte pad	00 01 10 11	No Frag. Initial Pkt Cont. Pkt End Pkt	Length of Header Bytes	0 1 Yes	000 001 010 011- 111 None MPLS OAM (Future Use)	0000 0001 0010 0011 0100 0101 0111 - 1111 Null Packet ATM Cells PPP IP Ethernet PDH (Future use)

FIG. 9

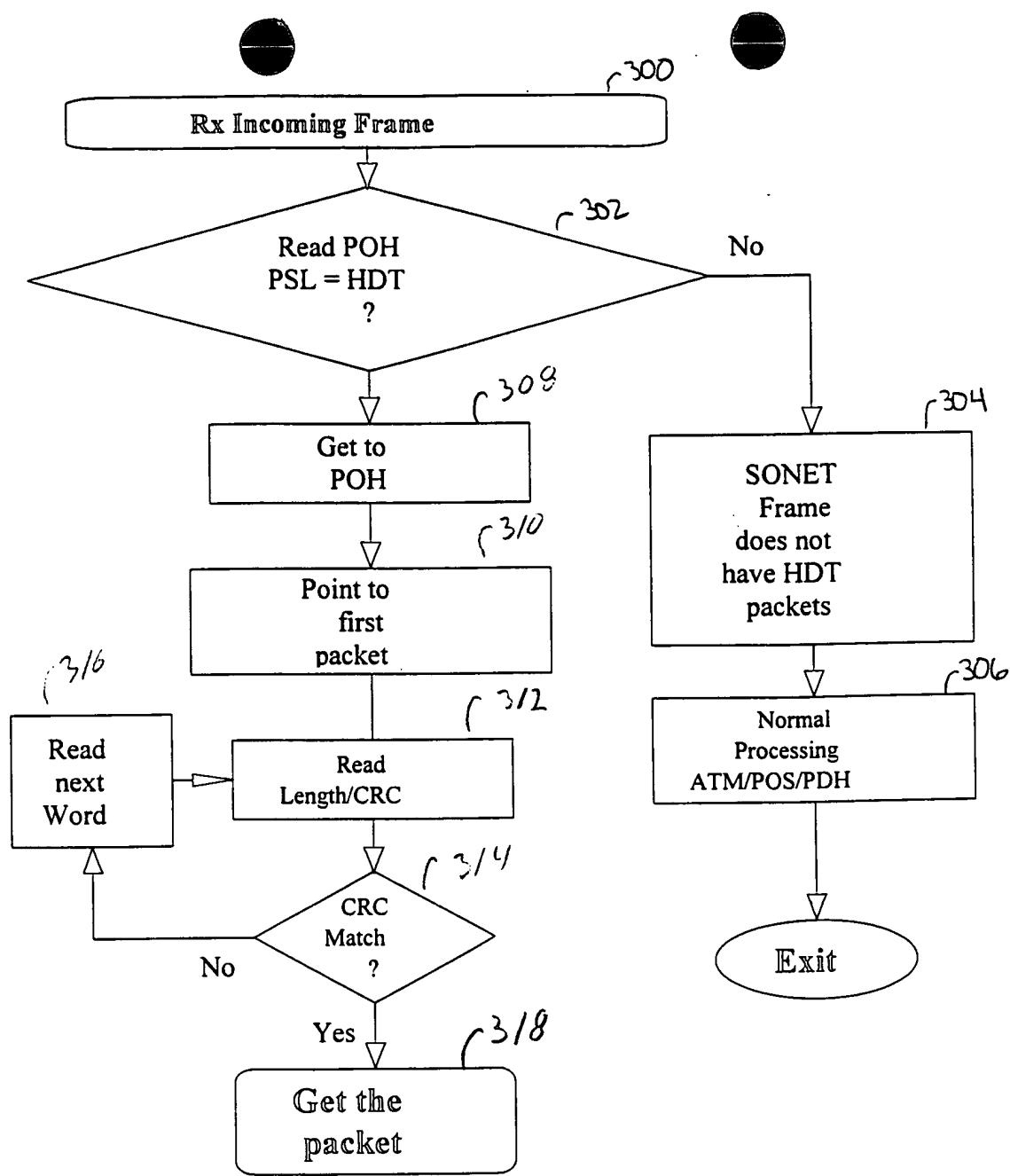


FIG. 10

320 ~

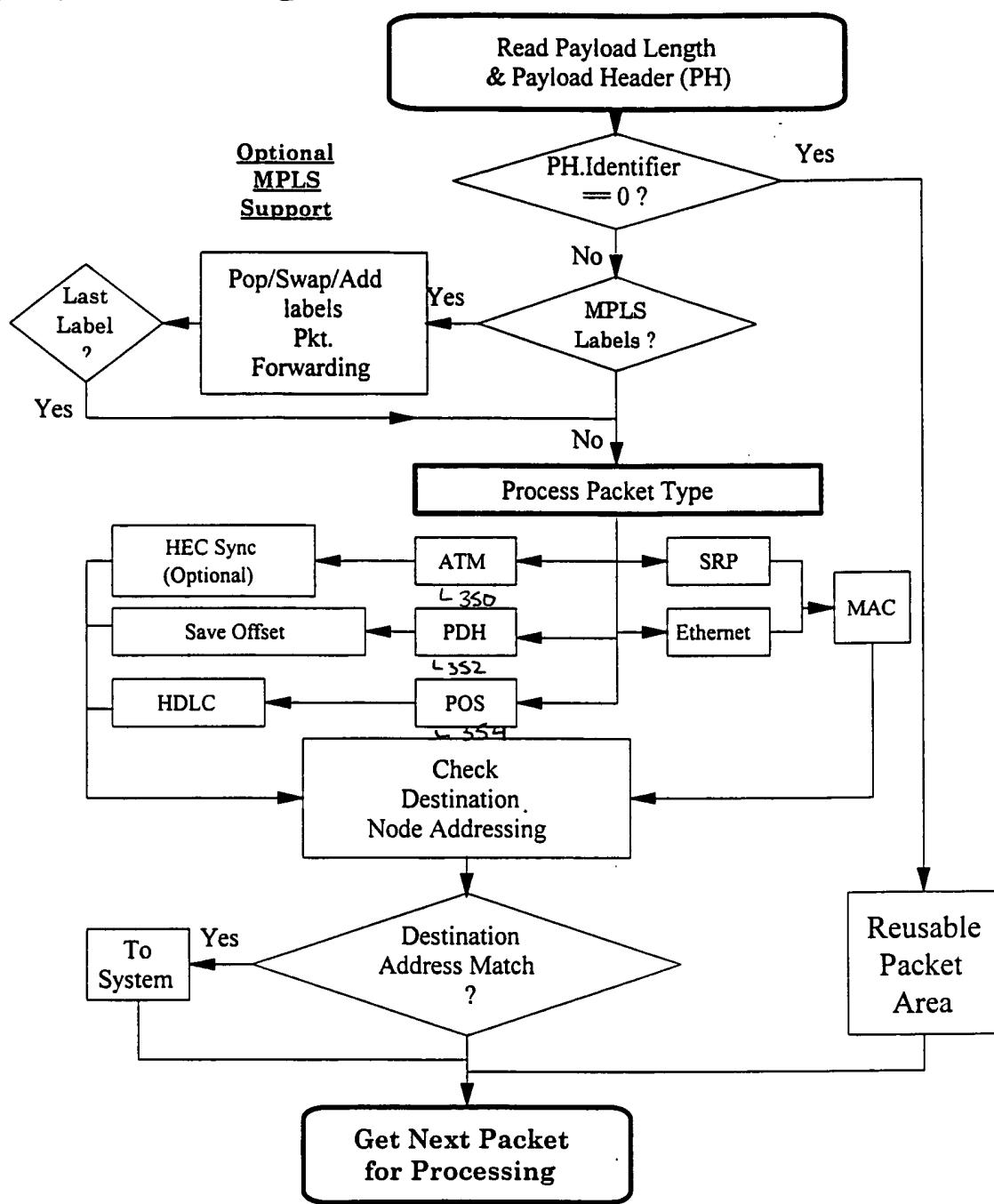


FIG. 11

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00200000000000000000000000000000

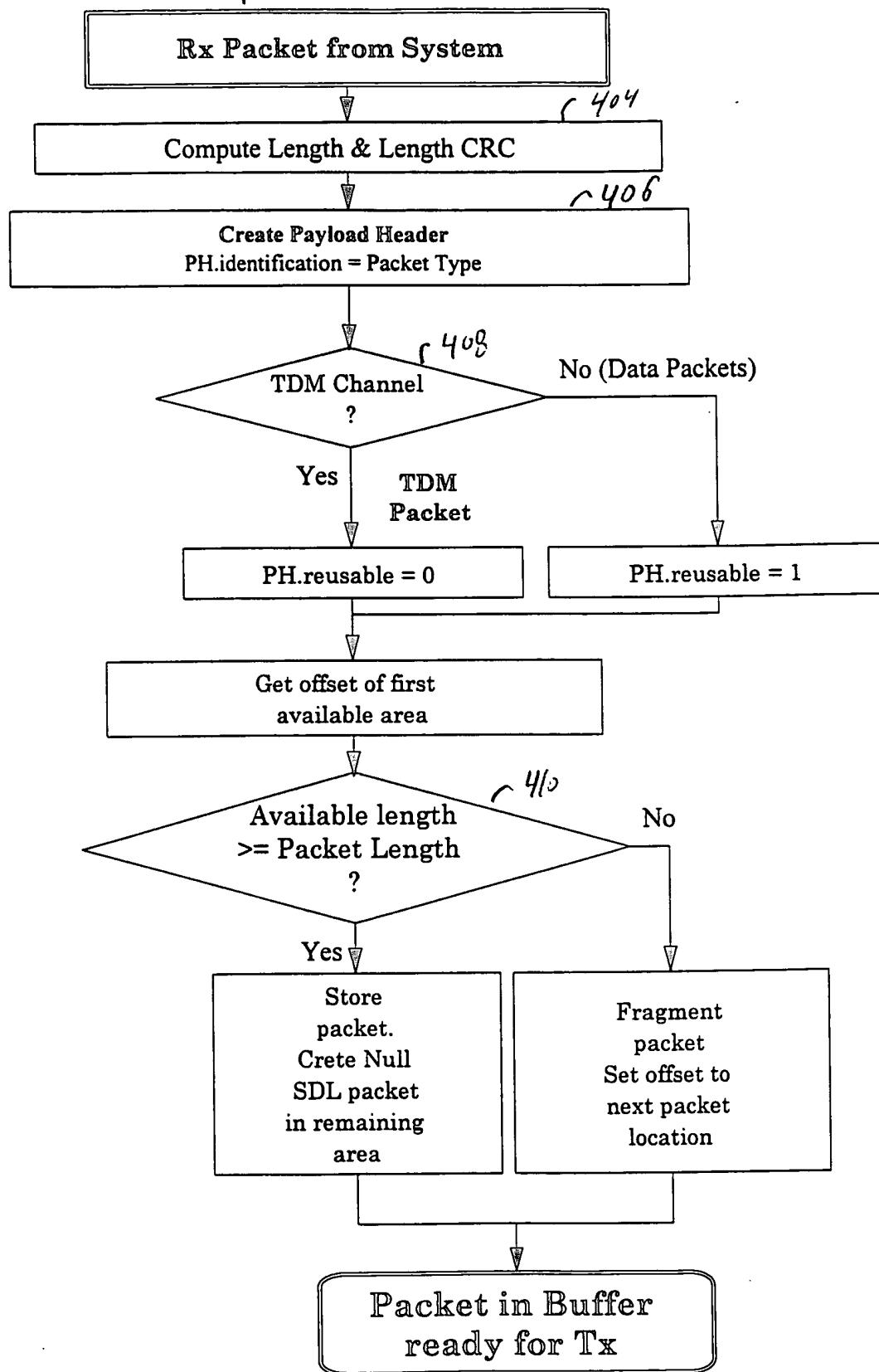


FIG. 12

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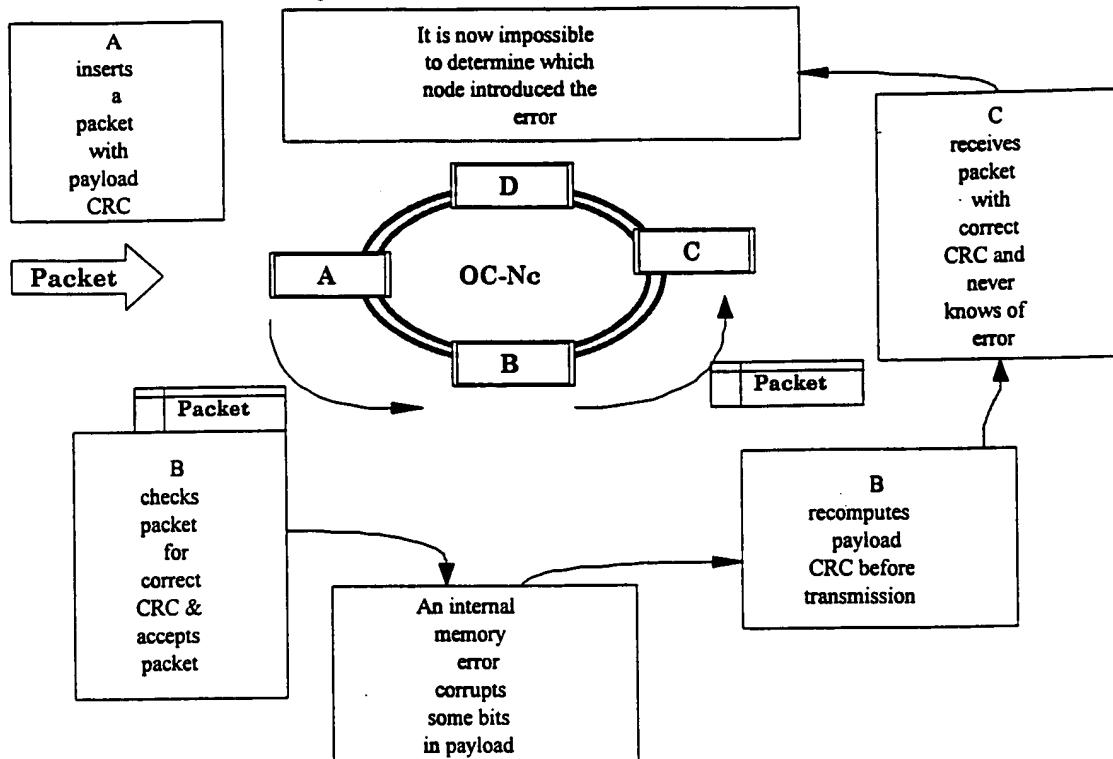


FIG. 13

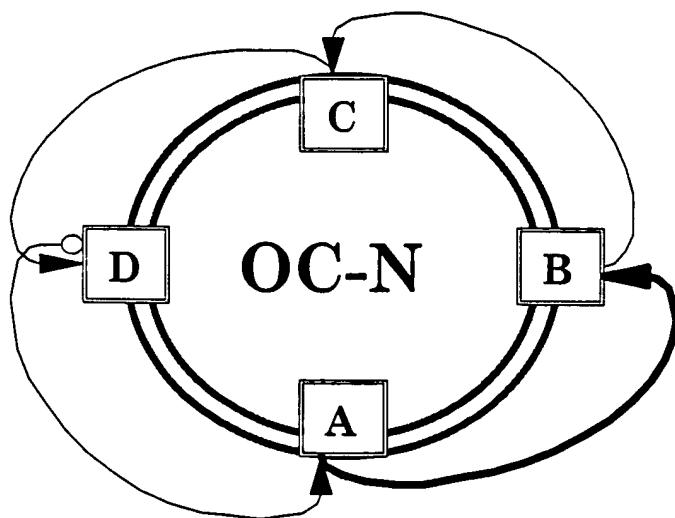


FIG. 14